

PATENT

DOCKET NO. UCDA.004.01US

COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

FORM PTO-1449 (Modified)  
LIST OF PATENTS AND PUBLICATIONS  
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In re the application of: Mikal E. Saltveit, *et al.* ] Art Unit:  
Serial No. ] Examiner:  
Filed: September 26, 2001 ]

## U.S. PATENT DOCUMENTS

Ref.	Examiner's	Document	Class/	Filing
<u>Desig.</u>	<u>Initials</u>	<u>Number</u>	<u>Date</u>	<u>Name</u>
A1	B	6,113,958	9/5/00	Saltveit, M
A2		5,378,619	1/3/95	Rogers, S
A3		5,693,507	12/2/97	Daniell, et al

## PENDING U.S. PATENT DOCUMENTS

Ref.	Examiner's	Document	Name	Filing Date
<u>Desig.</u>	<u>Initials</u>	<u>Number</u>	<u>Name</u>	<u>Filing Date</u>
B1		60/235,956	Saltveit, M	9/26/00

## FOREIGN PATENT DOCUMENTS

Ref.	Examiner's	Document	Class/	Filing Date
<u>Desig.</u>	<u>Initials</u>	<u>Number</u>	<u>Date</u>	<u>Country</u>
C1		WO 97/10328	3/20/97	PCT
C2	B	EPA 0 120 515	10/3/84	Europe

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

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<u>Desig.</u>	<u>Initials</u>

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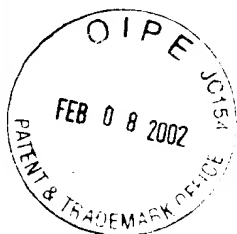
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- |    |          |                                                                                                                                                                                                                                                |
|----|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| D1 | <i>b</i> | Tomas-Barberan, F. et al, Early Wound- and Ethylene-induced Changes in Phenylpropanoid Metabolism in Harvested Lettuce, 1997, pp. 399-404, J. Amer. Soc. Hort. Sci. 122(3).                                                                    |
| D2 | <i>b</i> | Ke, D. et al., Effects of Calcium and Auxin on Russet Spotting and Phenylalanine Ammonialyase Activity in Lettuce, Oct. 1986, pp. 1169-1171, HortScience. Vol. 21(5).                                                                          |
| D3 | <i>b</i> | Loaiza-Velarde, J. et al, Effect of Intensity and Duration of Heat-shock Treatments on Wound-induced Phenolic Metabolism in Iceberg Lettuce, Oct. 30, 1997, pp. 873-877, J. Amer. Soc. Hort. Sci. 122(6).                                      |
| D4 | <i>b</i> | Ritenour, M. et al, Identification of a phenylalanine ammonia-lyase inactivating factor in harvested head lettuce ( <i>Lactuca sativa</i> ), Jan. 25, 1996, pp. 327-331, Physiologia Plantarum 97.                                             |
| D5 | <i>b</i> | Lopez-Galvez, G. et al, Wound-induced phenylalanine ammonia lyase activity: factors affecting its induction and correlation with the quality of minimally processed lettuces, May 18, 1996, pp. 223-233, Postharvest Biology and Technology 9. |
| D6 | <i>b</i> | Ke, D. et al., "Developmental Control of Russet Spotting, Phenolic Enzymes, and IAA Oxidase in Cultivars of Iceberg Lettuce", 1989, pp. 472-477, J. Amer. Soc. Hort. Sci., 114(3).                                                             |
| D7 | <i>b</i> | Peiser, G. et al., "Phenylalanine ammonia lyase inhibitors control browning of cut lettuce", Postharvest Biology and Technology 14, pp. 171-177, Oct. 1998.                                                                                    |
| D8 |          | Brecht, J., Physiology of Lightly Processed Fruits and Vegetables, Feb. 1995, pp. 18-22, HortScience, vol. 30(1).                                                                                                                              |
| D9 |          | Bolin, H.R., et al, Effect of Preparation Procedures and Storage Parameters on Quality Retention of Salad-cut Lettuce, 1991, Journal of Food Science, vol. 56, No. 1.                                                                          |

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*John Brown*

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- D10 Couture, R. et al, Physiological Attributes Related to Quality Attributes and Storage Life of Minimally Processed Lettuce, Jul. 1993, pp. 723-725, HortScience vol. 28(7).
- D11 Hoagland, R., O-Benzylhydroxylamine: An Inhibitor of Phenylpropanoid Metabolism in Plants, Aug. 6, 1985, pp. 1353-1359, Plant Cell Physiol. 26(7).
- D12 Ke, D. et al, Plant Hormone Interaction and Phenolic Metabolism in the Regulation of Russet Spotting in Iceberg Lettuce, Jul. 5, 1988, pp. 1136-1140, Plant Physiol. 88.
- D13 Ke, D. et al, Regulation of Russet Spotting, Phenolic Metabolism, and IAA Oxidase by Low Oxygen in Iceberg Lettuce, 1989, pp. 638-642, J. Amer. Soc. Hort. Sci. 114(4).
- D14 Ke, D. et al., Wound-Induced Ethylene Production, Phenolic Metabolism and Susceptibility to Russet Spotting in Iceberg Lettuce, Physiologia Plantarum 76, pp. 412-418, Copenhagen 1989.
- D15 Leubner-Metzger, G. et al, Phenylalanine Analogues: Potent Inhibitors of Phenylalanine Ammonia-Lyase are Weak Inhibitors of Phenylalanine-tRNA Synthetases, 1994, pp. 781-790, Verlag der Zeitschrift fur Naturforschung.
- D16 McEvily, A., Inhibition of Enzymatic Browning in Foods and Beverages, 1992, pp. 253-273, Critical Reviews in Food Science and Nutrition, 32(3).
- D17 Saltveit, M. Physical and Physiological Changes in Minimally Processed Fruits and Vegetables, 1997, pp. 204-220, Phytochemistry Fruit and Vegetables.
- D18 Siripanich, J. et al., Effects of CO<sub>2</sub> on Total Phenolics, Phenylalanine Ammonia Lyase, and Polyphenol Oxidase in Lettuce Tissue, 1985, pp. 249-253, J. Amer. Soc. Hort. Sci. 110(2)
- D19 Thomas, R. et al., Changes in Soluble and Bound Peroxidase-IAA Oxidase During Tomato Fruit Development, 1981, pp. 158-161, Journal of Food Science vol. 47.
- D20 Zon, J. et al., Inhibitor of Phenylalanine Ammonia-Lyase: 2-Aminoindan-2-phosphonic Acid and Related Compounds, 1992, pp. 625-628, Ann. Chem. VCH Verlagsgesellschaft MbH, D-6940 Weinheim.

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*Steve Brown*

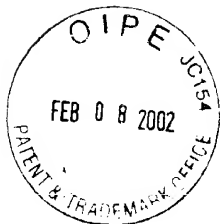
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- |     |                                                                                   |
|-----|-----------------------------------------------------------------------------------|
| D21 | Coulson, <i>Trends in Biotechnology</i> , 12:76-80 (1994).                        |
| D22 | Birren, <i>et al.</i> , <i>Genome Analysis</i> , 1:543-559 (1997).                |
| D23 | Odell, <i>et al.</i> (1985) <i>Nature</i> 313:810-812                             |
| D24 | Von Heijne <i>et al.</i> (1991) <i>Plant Mol. Biol. Rep.</i> 9:104-126            |
| D25 | Clark <i>et al.</i> (1989) <i>J. Biol. Chem.</i> 264:17544-17550                  |
| D26 | della-Cioppa <i>et al.</i> (1987) <i>Plant Physiol.</i> 84:965-968                |
| D27 | Romer <i>et al.</i> (1993) <i>Biochem. Biophys. Res Commun.</i> 196:1414-1421     |
| D28 | Shah <i>et al.</i> (1986) <i>Science</i> 233:478-481                              |
| D29 | Chrispeels, K., (1991) <i>Ann. Rev. Plant Phys. Plant Mol. Biol.</i> 42:21-53     |
| D30 | Raikhel, N. (1992) <i>Plant Phys.</i> 100:1627-1632                               |
| D31 | Smith, <i>et al.</i> (1988) <i>Nature</i> 334:724-726                             |
| D32 | Napoli, <i>et al.</i> (1989) <i>Plant Cell</i> 2:279-289                          |
| D33 | Waterhouse, <i>et al.</i> (1998) <i>Proc. Natl. Acad. Sci. USA</i> 95:13959-13964 |
| D34 | Svab, <i>et al.</i> (1990) <i>Proc. Natl. Acad. Sci. USA</i> 87:8526-8530         |
| D35 | Svab and Maliga (1993) <i>Proc. Natl. Acad. Sci. USA</i> 90:913-917               |
| D36 | Doolittle, R.F., <i>OF URFS and ORFS</i> (University Science Books, CA, 1986.     |
| D37 | Ditta, <i>et al.</i> , ( <i>Proc. Nat. Acad. Sci., U.S.A.</i> (1980) 77:7347-7351 |
| D38 | McBride and Summerfelt ( <i>Plant Mol. Biol.</i> (1990) 14:269-276                |
| D39 | Jouanin, <i>et al.</i> , <i>Mol. Gen. Genet.</i> (1985) 201:370-374               |
| D40 | Frohman <i>et al.</i> (1988) <i>Proc. Natl. Acad. Sci. USA</i> 85:8998-9002       |

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